



# 2023 MRI Training Course

This 7-day course provides a comprehensive learning experience that includes the basic principles and concepts of MRI, techniques in manipulating MR parameters to optimize image quality, pulse sequences, artifacts, patient education, screening and safety considerations, anatomy and physiology, case studies, MR protocols and more.

**SCHEDULE**

**Day One**

- History of MRI & Fundamentals
- Nuclear Magnetism
- Spatial Localization
- System Components

**Day Two**

- Pulse Sequences
- Artifacts
- Patient Positioning
- Anatomy Review

**Day Three**

- ACR/FDA Requirements
- Training / ASTM Labeling
- Infection Control
- MRMD / MRSO / MRSE

**Day Four**

- Image Quality & Contrast
- Protocol Development
- Case Studies
- ARRT Exam Preparation

**Day Five**

- K-space Data Manipulation
- Basic & Advanced Pulse Sequences
- Artifacts & System Malfunctions
- Advanced Imaging Concepts

**Day Six**

- Advanced Imaging Options
- Pediatric MRI
- New MRI Applications
- 3T vs. 1.5T

**Day Seven**

- Special Imaging Techniques
- MR Angiography & Cardiac Imaging
- New MRI Applications
- Fetal Imaging
- and more...--

**Our students have a 93% pass rate when taking the Boards!**

**56.25 Category A Credits**

**Faculty:**

Eduardo Campuzano, BS, RT(R)(MR)(CT)

Paul Worthington, BS, RT(R)(MR)

Yu Liu, PhD

Ryan Draeger, BSRT(R)(CT)(MR) ARRT, MRSO (MRSC) MRSE (MRSC)

Feb 5-11	Webinar only
Apr 30-May 6	Milwaukee, WI & Webinar
Oct 1-7	Milwaukee, WI & Webinar

Tuition	price	early price	member price	member early price
Technologist	\$1865	\$1765	\$1840	\$1740
become an MTMI member	\$39 yearly fee (discount applies immediately)			